

Table 1
Updated NBSA BERA TRVs - Benthic Invertebrate Tissue

Constituent	Units	Updated NBSA TRVs			TRVs Specific to NBSA (i.e., No TRV Derived in the Final LPRSA BERA)	LPR FFS TRVs				
		NOAEL	LOAEL	Source		NOAEL	LOAEL	Source		
Benthic Invertebrates Tissue TRVs										
Dioxins/Furans										
2,3,7,8-TCDD	mg/kg, ww	0.0003	0.003	crayfish; survival (Ashley et al 1996)		0.00000015	0.0000013	Eastern oyster; reproduction (Wintermeyer and Cooper 2003)		
Polychlorinated Biphenyls										
Total PCBs	mg/kg, ww	0.4	0.52	SSD (Hansen et al 1974 NOAEL; SSD for LOAEL)		0.0064	0.017	reproduction eastern oyster (Chu et al 2000; 2003)		
Pesticides										
Total DDx (2,4 & 4,4)	mg/kg, ww	0.06	0.11	SSD (Nimmo et al 1970 NOAEL; SSD for LOAEL)		0.06	0.13	Pink shrimp; mortality (Nimmo et al. 1970)		
Dieldrin	mg/kg, ww	0.008	0.08	Pink shrimp; survival (Parrish et al 1973)		0.0016	0.008	Pink shrimp; survival (Parrish et al. 1973)		
Total Chlordane	mg/kg, ww	0.71	1.7	Pink shrimp; mortality (Parrish et al. 1976)	X	--	--	--		
Hexachlorobenzene	mg/kg, ww	10.6	15.8	Amphipod; mortality (Nebeker et al. 1989)	X	--	--	--		
Polycyclic Aromatic Hydrocarbons										
Total LMW PAH	mg/kg, ww	--	--	--		0.078	0.78	Polychaete worm; reproduction (Emery and Dillon 1996)		
Total HMW PAH	mg/kg, ww	--	--	--		0.066	0.66	Blue mussel; reproduction (Eertman et al. 1995)		
Total PAH	mg/kg, ww	Not derived	23.2	Polychaete worm; growth (Rice et al. 2000)	X	--	--	--		
Inorganics										
Arsenic	mg/kg, ww	0.064	0.64	SSD		--	--	--		
Cadmium	mg/kg, ww	0.12	0.24	Sofyan et al 2007 NOAEL; SSD LOAEL		--	--	--		
Chromium	mg/kg, ww	1.5	3.5	Amphipod; survival and growth (Norwood et al 2007)		--	--	--		
Copper	mg/kg, ww	--	--	--		5	12	Baltic clam; survival (Absil et al. 1996)		
Lead	mg/kg, ww	4	40	Amphipod; survival (Spehar et al 1978)		0.52	2.6	Amphipod (<i>Hyalaea</i>); survival (Borgmann and Norwood 1999)		
Mercury/Methylmercury	mg/kg, ww	0.048	0.095	Whole body copepod; reproduction (Hook and Fisher 2002)		0.048	0.095	Whole body copepod; reproduction (Hook and Fisher 2002)		
Nickel	mg/kg, ww	0.1	1.1	Copepod; survival (Borgmann et al 2001)		--	--	--		
Selenium	mg/kg, ww	0.05	0.51	Midge; growth (Malchow et al. 1995)		--	--	--		
Silver	mg/kg, ww	0.49	0.59	Water flea; growth and reproduction (Naddy et al 2007)		--	--	--		
Zinc	mg/kg, ww	5.1	51	Crustaceans; survival (Muyssen et al 2006)		--	--	--		

Acronyms and Abbreviations:

-- = not available

BERA = baseline ecological risk assessment

FFS = focused feasibility study

HMW = high molecular weight

LMW = low molecular weight

LOAEL = lowest observed adverse effects level

LPR = Lower Passaic River

mg/kg, ww = milligrams per kilogram, wet weight

NBSA = Newark Bay Study Area

NOAEL = no observed adverse effect level

PAH = polycyclic aromatic hydrocarbon

PCB = polychlorinated biphenyl

SSD = species sensitivity distribution

TCDD = tetrachlorodibenzo-p-dioxin

Total DDx = sum of dichlorodiphenyldichloroethylene (DDE), dichlorodiphenyldichloroethane (DDD), and dichlorodiphenyltrichloroethane (DDT)

TRV = toxicity reference value

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Table 2
Updated NBSA BERA TRVs - Fish Tissue

Constituent	Units	Updated NBSA TRVs			TRVs Specific to NBSA (i.e., No TRV Derived in the Final LPRSA BERA)	LPR FFS TRVs				
		NOAEL	LOAEL	Source		NOAEL	LOAEL	Source		
Fish Tissue TRVs										
Dioxins/Furans										
2,3,7,8-TCDD	mg/kg, ww	7.20E-05	1.20E-04	Fisk et al 1997 NOAEL; SSD LOAEL		8.90E-07	1.80E-06	Mummichog; prey capture behavior (Couillard et al. 2011)		
Total Dioxin/Furan TEQ Fish	mg/kg, ww	7.20E-05	1.20E-04	Fisk et al 1997 NOAEL; SSD LOAEL		8.90E-07	1.80E-06	Mummichog; prey capture behavior (Couillard et al. 2011)		
Polychlorinated Biphenyls										
Total PCBs	mg/kg, ww	3.2	3.8	Hansen et al 1971 NOAEL; SSD LOAEL		0.17	0.53	Atlantic salmon smolt seawater preference; behavior (Lemar et al. 2007)		
Total PCB TEQ Fish	mg/kg, ww	7.20E-05	1.20E-04	Fisk et al 1997 NOAEL; SSD LOAEL		8.90E-07	1.80E-06	Mummichog; prey capture behavior (Couillard et al. 2011)		
Total Dioxin/Furan/PCB TEQ Fish	mg/kg, ww	7.20E-05	1.20E-04	Fisk et al 1997 NOAEL; SSD LOAEL		8.90E-07	1.80E-06	Mummichog; prey capture behavior (Couillard et al. 2011)		
Pesticides										
Total DDX (2,4 & 4,4)	mg/kg, ww	0.052	0.52	SSD		0.078	0.39	9 species; growth, survival, reproduction, and behavior (Beckvar et al. 2005)		
Dieldrin	mg/kg, ww	0.12	0.2	rainbow trout; survival (Shubat and Curtis 1986)		0.008	0.04	Rainbow trout; survival (Shubat and Curtis 1986)		
Total Chlordane	mg/kg, ww	Not derived	16.6	Pinfish; mortality (Parrish et al. 1976)	X	--	--	--		
Hexachlorobenzene	mg/kg, ww	468	Not derived	Fathead minnow; mortality (Schuytema et al. 1990)	X	--	--	--		
Inorganics										
Arsenic	mg/kg, ww	1.3	2.5	Rainbow trout; growth (Erickson et al 2011)		--	--	--		
Chromium	mg/kg, ww	1.28	1.3	Chinook salmon; mortality (Farag et al. 2006)	X	--	--	--		
Copper	mg/kg, ww	3.92	4.48	Rainbow trout; mortality (Mount et al. 1994)	X	0.32	1.5	Striped mullet; survival (Zyadah and Abdel-Baky 2000)		
Lead	mg/kg, ww	2.5	4	Brook trout; growth (Holcombe et al 1976)		0.4	4	Brook trout; reproduction (Holcombe et al. 1976)		
Mercury/Methylmercury	mg/kg, ww	0.23	0.35	Webber and Haines 2003 NOAEL; SSD LOAEL		0.052	0.26	7 species; growth, survival, reproduction, and behavior (Beckvar et al. 2005)		
Selenium	mg/kg, ww	N/A	1.6	Bluegill, sunfish, fathead minnow; reproduction (Coyle et al 1993; Hermanutz et al 1992; Ogle and Knight 1989)		--	--	--		
Silver	mg/kg, ww	0.11	0.24	Rainbow trout; growth (Guadagnolo et al 2001)		--	--	--		
Zinc	mg/kg, ww	287	403	Guppy; growth (Pearson 1981)						

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mg/kg, ww = milligrams per kilogram, wet weight

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PAH = polycyclic aromatic hydrocarbon

PCB = polychlorinated biphenyl

SSD = species sensitivity distribution

TCDD = tetrachlorodibenzo-p-dioxin

Total DDX = sum of dichlorodiphenyldichloroethylene (DDE), dichlorodiphenyldichloroethane (DDD), and dichlorodiphenyltrichloroethane (DDT)

TRV = toxicity reference value

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Table 3
Updated NBSA BERA TRVs - Fish Diet and Fish Egg

Constituent	Units	Updated NBSA TRVs				TRVs Specific to NBSA (i.e., No TRV Derived in the Final LPRSA BERA)	LPR FFS TRVs							
		NOAEL	LOAEL	Source			NOAEL	LOAEL	Source					
Fish Diet TRVs														
PAHs														
Total PAH	mg/kg bw/day	6.2	18	Chinook salmon (anadromous); growth (Meador et al. 2006)			--	--	--					
Inorganics														
Arsenic	mg/kg bw/day	0.52	1.9	Striped bass (marine/anad; growth; Blazer et al. 1997)	X	--	--	--	--					
Cadmium	mg/kg bw/day	0.001	0.01	Rockfish (marine); growth (Kim et al. 2004); Kang et al. 2005)		--	--	--	--					
Chromium	mg/kg bw/day	0.92	Not derived	Grey mullet (marine); growth (Walsh et al. 1994)		--	--	--	--					
Copper	mg/kg bw/day	1	2	Rockfish (marine); growth (Kang et al. 2005)		--	--	--	--					
Lead	mg/kg bw/day	12.6	Not derived	Rainbow trout (freshwater); growth (Mount et al. 1994))	X	--	--	--	--					
Mercury/Methylmercury	mg/kg bw/day	0.00056	0.0056	growth, reproduction, mortality, and behavior (10 species)		--	--	--	--					
Nickel	mg/kg bw/day	0.14	1.4	Indian carp (freshwater); growth (Javed 2013)		--	--	--	--					
Selenium	mg/kg bw/day	0.106	0.192	Chinook salmon; survival (Hamilton et al. 1990)		--	--	--	--					
Silver	mg/kg bw/day	70	Not derived	Rainbow trout (freshwater; growth; Galvez and Wood 1999)	X	--	--	--	--					
Zinc	mg/kg bw/day	19	38	Rainbow trout (freshwater); growth (Takeda and Shimma 1977)		--	--	--	--					
Fish Egg TRVs														
Dioxins/Furans														
2,3,7,8-TCDD	mg/kg, ww	7.20E-06	8.60E-05	SSD (Steevens et al. 2005)		7.20E-06	8.60E-05	SSD (Steevens et al. 2005)						
Total Dioxin/Furan TEQ Fish	mg/kg, ww	7.20E-06	8.60E-05	SSD (Steevens et al. 2005)		7.20E-06	8.60E-05	SSD (Steevens et al. 2005)						
Polychlorinated Biphenyls														
Total PCBs	mg/kg, ww	0.0504	0.258	Common barbel; reproduction (Hugla and Thome 1999)		--	--	--	--					
Total PCB TEQ Fish	mg/kg, ww	7.20E-06	8.60E-05	SSD (Steevens et al. 2005)		7.20E-06	8.60E-05	SSD (Steevens et al. 2005)						
Total Dioxin/Furan/PCB TEQ Fish	mg/kg, ww	7.20E-06	8.60E-05	SSD (Steevens et al. 2005)		7.20E-06	8.60E-05	SSD (Steevens et al. 2005)						
Inorganics														
Mercury/Methylmercury	mg/kg, ww	0.006	0.06	Catfish; reproduction (Birge et al 1979)		0.006	0.06	Catfish; reproduction (Birge et al 1979)						

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LMW = low molecular weight

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TRV = toxicity reference value

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Fish Diet

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Fish Egg

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Table 4
Updated NBSA BERA TRVs - Bird Diet

Constituent	Units	Updated NBSA TRVs			TRVs Specific to NBSA (i.e., No TRV Derived in the Final LPRSA BERA)	LPR FFS TRVs				
		NOAEL	LOAEL	Source		NOAEL	LOAEL	Source		
Bird Diet TRVs										
Dioxins/Furans										
2,3,7,8-TCDD	mg/kg bw/day	1.4E-05	1.4E-04	Ring-necked pheasant; mortality, growth, and reproduction (Nosek et al. 1992a)		2.8E-06	2.8E-05	Ring-necked pheasant; mortality, growth, and reproduction (Nosek et al. 1992a, 1992b)		
Total TEQ Bird	mg/kg bw/day	1.4E-05	1.4E-04	Ring-necked pheasant; mortality, growth, and reproduction (Nosek et al. 1992a)		2.8E-06	2.8E-05	Ring-necked pheasant; mortality, growth, and reproduction (Nosek et al. 1992a, 1992b)		
Polychlorinated Biphenyls										
Total PCBs	mg/kg bw/day	0.14	1.4	Ringed turtle-dove; reproduction (Peakall et al. 1972; Peakall and Peakall 1973)		0.4	0.5	Chicken; reproduction (Chapman 2003)		
Total PCB TEQ Bird	mg/kg bw/day	1.4E-05	1.4E-04	Ring-necked pheasant; mortality, growth, and reproduction (Nosek et al. 1992a)		2.8E-06	2.8E-05	Ring-necked pheasant; mortality, growth, and reproduction (Nosek et al. 1992a, 1992b)		
Total PCB Dioxin TEQ Bird	mg/kg bw/day	1.4E-05	1.4E-04	Ring-necked pheasant; mortality, growth, and reproduction (Nosek et al. 1992a)		2.8E-06	2.8E-05	Ring-necked pheasant; mortality, growth, and reproduction (Nosek et al. 1992a, 1992b)		
Pesticides										
Total DDx (2,4 & 4,4)	mg/kg bw/day	0.19	0.25	Davison and Sell 1974 NOAEL; SSD LOAEL		0.009	0.027	Brown pelican; reproduction (Anderson et al. 1975)		
Dieldrin	mg/kg bw/day	0.08	0.12	Quail; reproduction and mortality (Davison and Sell 1974)	X	0.054	0.18	Helmeted guinea fowl; survival (Wiese et al. 1969)		
Chlordane	mg/kg bw/day	Not derived	20	Bobwhite; mortality (Hill et al. 1976; Heath et al. 1972)	X	--	--	--		
Hexachlorobenzene	mg/kg bw/day	1.1	5	Japanese quail; mortality (Vos et al. 1971)	X	--	--	--		
Polycyclic Aromatic Hydrocarbons										
Total HMW PAH	mg/kg bw/day	--	--	--		0.048	0.48	Pigeon; reproduction (Hough et al. 1993)		
Total LMW PAH	mg/kg bw/day	--	--	--		0.67	6.7	Red-winged blackbird; survival (Schafer et al. 1983)		
Total PAH	mg/kg bw/day	40	Not derived	Mallard; growth (Patton and Dieter 1980)		--	--	--		
Inorganics										
Arsenic	mg/kg bw/day	10	40	Mallard; reproduction (Stanley et al. 1994)	X	--	--	--		
Cadmium	mg/kg bw/day	0.4	4	Japanese quail; growth (Richardson et al. 1974)		--	--	--		
Chromium	mg/kg bw/day	10.5	105	Chicken; survival and growth (Chung et al. 1985)		--	--	--		
Copper	mg/kg bw/day	1.9	19	Chicken; growth (Jensen and Maurice 1978)		2.3	4.7	Wild turkey; growth (Kashani et al. 1986)		
Lead	mg/kg bw/day	5.5	28	Japanese quail; growth (Morgan et al. 1975)		0.19	1.9	Japanese quail; reproduction (Edens and Garlich 1983)		
Mercury/Methylmercury	mg/kg bw/day	0.05	0.096	6 species; survival, growth, and reproduction. SSD-derived 5th percentile value (LOAEL). Highest NOAEL below the selected LOAEL TRV (NOAEL). Heinz (1974) (NOAEL); Windward (2017) (LOAEL)		0.013	0.026	Mallard; reproduction (Heinz 1974, 1976, 1979)		
Nickel	mg/kg bw/day	15	33	Chicken; growth (Weber and Reid 1968)		--	--	--		
Selenium	mg/kg bw/day	0.42	0.82	Mallard; reproduction (Heinz et al. 1989)		--	--	--		
Silver	mg/kg bw/day	178	1780	Mallard (USEPA 1999); cited in USEPA 1999)	X	--	--	--		
Zinc	mg/kg bw/day	82	124	Chicken; growth (Roberson and Schaible 1960)		--	--	--		

Acronyms and Abbreviations:

"--" = not available

BERA = baseline ecological risk assessment

FFS = focused feasibility study

HMW = high molecular weight

LMW = low molecular weight

LOAEL = lowest observed adverse effects level

LPR = Lower Passaic River

mg/kg, ww = milligrams per kilogram, wet weight

NBSA = Newark Bay Study Area

NOAEL = no observed adverse effect level

PAH = polycyclic aromatic hydrocarbon

PCB = polychlorinated biphenyl

SSD = species sensitivity distribution

TCDD = tetrachlorodibenzo-p-dioxin

Total DDx = sum of dichlorodiphenyldichloroethylene (DDE), dichlorodiphenyldichloroethane (DDD), and dichlorodiphenyltrichloroethane (DDT)

TRV = toxicity reference value

Table 4
Updated NBSA BERA TRVs - Bird Diet

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Table 5
Updated NBSA BERA TRVs - Bird Egg

Constituent	Units	Updated NBSA TRVs			TRVs Specific to NBSA (i.e., No TRV Derived in the Final LPRSA BERA)	LPR FFS TRVs				
		NOAEL	LOAEL	Source		NOAEL	LOAEL	Source		
Bird Egg TRVs										
Dioxins/Furans										
2,3,7,8-TCDD	mg/kg, ww	1.00E-04	2.50E-04	Nosek et al. (1992) (NOAEL), SSD-derived 5th percentile value (Windward Environmental LLC 2017) (LOAEL)		5.90E-05	1.50E-04	Various species; reproduction (USEPA 2003)		
Total Dioxin/Furan TEQ Bird	mg/kg, ww	1.00E-04	2.50E-04	Nosek et al. (1992) (NOAEL), SSD-derived 5th percentile value (Windward Environmental LLC 2017) (LOAEL)		5.90E-05	1.50E-04	Various species; reproduction (USEPA 2003)		
Polychlorinated Biphenyls										
Total PCBs	mg/kg, ww	1.6	16	Ringed turtle dove; reproduction (Peakall et al. 1972); Peakall and Peakall 1973)		0.7	1.3	Chicken; reproduction (Chapman 2003)		
Total PCB TEQ Bird	mg/kg, ww	1.00E-04	2.50E-04	Nosek et al. (1992) (NOAEL), SSD-derived 5th percentile value (Windward Environmental LLC 2017) (LOAEL)		5.90E-05	1.50E-04	Various species; reproduction (USEPA 2003)		
Total Dioxin/Furan/PCB TEQ Bird	mg/kg, ww	1.00E-04	2.50E-04	Nosek et al. (1992) (NOAEL), SSD-derived 5th percentile value (Windward Environmental LLC 2017) (LOAEL)		5.90E-05	1.50E-04	Various species; reproduction (USEPA 2003)		
Pesticides										
Total DDx (2,4 & 4,4)	mg/kg, ww	3.9	4.1	Custer et al 1999;1983 NOAEL; SSD LOAEL		0.5	3.0	Brown pelican; reproduction (Blus 1984)		
Dieldrin	mg/kg, ww	0.3	3	Pheasant; reproduction (Genelly and Rudd 1956)		0.2	8.1	Barn Owl; reproduction (Mendenhall et al. 1983)		
Inorganics										
Mercury/Methylmercury	mg/kg, ww	0.18	1.8	Mallard; reproduction (Heinz 1979, Heinz and Hoffman 2003, Heinz 1974, 1976)		0.011	0.11	reproduction (Jackson 2011)		

Acronyms and Abbreviations:

--" = not available
BERA = baseline ecological risk assessment
FFS = focused feasibility study
HMW = high molecular weight
LMW = low molecular weight
LOAEL = lowest observed adverse effects level
LPR = Lower Passaic River
mg/kg, ww = milligrams per kilogram, wet weight
NBSA = Newark Bay Study Area
NOAEL = no observed adverse effect level
PAH = polycyclic aromatic hydrocarbon
PCB = polychlorinated biphenyl
SSD = species sensitivity distribution
TCDD = tetrachlorodibenzo-p-dioxin
Total DDx = sum of dichlorodiphenyldichloroethylene (DDE), dichlorodiphenyldichloroethane (DDD), and dichlorodiphenyltrichloroethane (DDT)
TRV = toxicity reference value

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Table 6
Updated NBSA BERA TRVs - Mammal Diet

Constituent	Units	Updated NBSA TRVs			TRVs Specific to NBSA (i.e., No TRV Derived in the Final LPRSA BERA)	LPR FFS TRVs				
		NOAEL	LOAEL	Source		NOAEL	LOAEL	Source		
Mammal Diet TRVs										
Dioxins/Furans										
2,3,7,8-TCDD	mg/kg bw/day	2.60E-06	8.80E-06	Mink; reproduction (Hochstein et al 2001)		8.0E-08	2.2E-06	Mink; reproduction (Tillitt et al. 1996)		
Total TEQ Mammal	mg/kg bw/day	2.60E-06	8.80E-06	Mink; reproduction (Hochstein et al 2001)		8.0E-08	2.2E-06	Mink; reproduction (Tillitt et al. 1996)		
Polychlorinated Biphenyls										
Total PCBs	mg/kg bw/day	0.08	0.096	Mink; reproduction (Chapman 2003)		0.069	0.082	Mink; reproduction (Chapman 2003)		
Total PCB TEQ Mammal	mg/kg bw/day	2.60E-06	8.80E-06	Mink; reproduction (Hochstein et al 2001)		8.0E-08	2.2E-06	Mink; reproduction (Tillitt et al. 1996)		
Total PCB Dioxin TEQ Mammal	mg/kg bw/day	2.60E-06	8.80E-06	Mink; reproduction (Hochstein et al 2001)		8.0E-08	2.2E-06	Mink; reproduction (Tillitt et al. 1996)		
Pesticides										
Total DDx (2,4 & 4,4)	mg/kg bw/day	0.26	1.3	Mouse; reproduction (Ware and Good 1967)	X	0.8	4	Rat; reproduction (Fitzhugh 1948)		
Dieldrin	mg/kg bw/day	0.015	0.03	Rat; reproduction (Harr et al 1970)		0.015	0.03	Rat; reproduction (Harr et al. 1970)		
Chlordane	mg/kg bw/day	2.1	21	Rat; reproduction and growth (Narotsky and Kavlok 1995)	X	--	--	--		
Hexachlorobenzene	mg/kg bw/day	Not derived	0.13	Mink; reproduction (Bleavins et al. 1984)	X	--	--	--		
Polycyclic Aromatic Hydrocarbons										
Total HMW PAH	mg/kg bw/day	--	--	--		0.62	3.1	Mouse; growth (Culp et al. 1998)		
Total LMW PAH	mg/kg bw/day	--	--	--		50	150	Rat; growth (Navarro et al. 1991)		
Total PAH	mg/kg bw/day	0.615	3.07	Mouse; survival (USEPA 2007c)	X	--	--	--		
Inorganics										
Arsenic	mg/kg bw/day	2.6	5.4	Rat; growth (Hext et al 1999)		--	--	--		
Cadmium	mg/kg bw/day	3.5	13	Rat; growth (Machemer and Lorko 1981)		--	--	--		
Chromium	mg/kg bw/day	Not derived	9.62	Mouse; reproduction (Zahid et al. 1990; cited in USEPA 2008)	X	--	--	--		
Copper	mg/kg bw/day	18	26	Mink; reproduction (Aulerich et al 1982)		3.4	6.8	Mink; reproduction (Aulerich et al. 1982; cited in USEPA 2007a)		
Lead	mg/kg bw/day	11	90	Rat; growth (Azar et al 1973)		0.71	7.0	Rat; reproduction (Grant et al. 1980; cited in USEPA 2005b)		
Mercury/Methylmercury	mg/kg bw/day	0.16	0.25	Mink; growth/survival (Wobeser et al 1976)		0.016	0.027	Mink; growth and survival (Wobeser et al. 1976; cited in USEPA 1995)		
Nickel	mg/kg bw/day	40	80	Rat; reproduction (Ambrose et al 1976)		--	--	--		
Selenium	mg/kg bw/day	0.016	0.16	Rat; growth (Behne et al 1992)		--	--	--		
Silver	mg/kg bw/day	Not derived	188	Rat; reproduction (Shavlovski et al. 1995; cited in USEPA 2006)	X	--	--	--		
Zinc	mg/kg bw/day	160	320	Rat; reproduction (Schlicker and Cox 1968)		--	--	--		

Acronyms and Abbreviations:

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FFS = focused feasibility study

HMW = high molecular weight

LMW = low molecular weight

LOAEL = lowest observed adverse effects level

LPR = Lower Passaic River

mg/kg, ww = milligrams per kilogram, wet weight

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PAH = polycyclic aromatic hydrocarbon

PCB = polychlorinated biphenyl

SSD = species sensitivity distribution

TCDD = tetrachlorodibenzo-p-dioxin

Total DDx = sum of dichlorodiphenyldichloroethylene (DDE), dichlorodiphenyldichloroethane (DDD), and dichlorodiphenyltrichloroethane (DDT)

TRV = toxicity reference value

Table 6
Updated NBSA BERA TRVs - Mammal Diet

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Mammal

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